

March 31, 2011

Mr. Peyton Robertson, Director  
Chesapeake Bay Office  
National Marine Fisheries Service  
National Oceanic and Atmospheric  
Administration  
410 Severn Avenue, Suite 107-A  
Annapolis, MD 21403

SUBJECT: PRELIMINARY DETERMINATION OF NO EFFECT REGARDING  
ENDANGERED OR THREATENED SPECIES AND CRITICAL HABITAT FOR  
THE PROPOSED 40-YEAR LICENSE RENEWAL FOR CALVERT CLIFFS  
INDEPENDENT SPENT FUEL STORAGE INSTALLATION (TAC NO. J00839)

Dear Mr. Robertson:

By letter dated September 17, 2010, Calvert Cliffs Nuclear Power Plant, LLC (CCNPP) submitted a license renewal application to the U.S. Nuclear Regulatory Commission (NRC) for the CCNPP site-specific Independent Spent Fuel Storage Installation (ISFSI). The CCNPP ISFSI is located on approximately six acres within the CCNPP site near Lusby, Maryland. CCNPP is requesting that Materials License Number SNM-2505 for the ISFSI be renewed for a 40-year period. The CCNPP ISFSI currently is operating under its initial NRC 20-year license that was issued on November 30, 1992.

As established in Title 10 *Code of Federal Regulations* (CFR) Part 51 (10 CFR 51), the NRC's regulations that implement the National Environmental Policy Act of 1969, as amended, NRC is preparing an Environmental Assessment (EA) for the proposed action. In support of the environmental review, NRC is requesting concurrence from the National Oceanic and Atmospheric (NOAA) National Marine Fisheries Service on the NRC's preliminary determination that continued operations at the CCNPP ISFSI will not affect listed endangered or threatened marine species or their critical habitat. This determination is based on the following information.

With respect to the proposed action, the ISFSI is located approximately 2,300 feet southwest of the existing CCNPP nuclear power plant (enclosed). Current major operations include: (1) loading of spent fuel into shielded casks from the spent fuel pool at the power plant; (2) transport of the casks from the spent fuel pool to the ISFSI along dedicated roads on the CCNPP site; and (3) placement of the casks in the ISFSI. No gaseous, liquid, or solid wastes are generated at the ISFSI, and environmental monitoring of the ISFSI site is carried out under the CCNPP site-wide environmental monitoring program. In its license renewal application, CCNPP anticipates no change in its current operations at the ISFSI, or in the environmental monitoring programs associated with those operations. Additionally, no construction at the existing ISFSI facility and site is expected beyond that previously approved in the initial licensing process.

P. Robertson

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The CCNPP ISFSI license renewal application is publicly available in the NRC Public Document Room located at One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852, or from the NRC's Agencywide Documents Access and Management System (ADAMS). The ADAMS Public Electronic Reading Room is accessible at <http://www.nrc.gov/reading-rm/adams.html>. The accession number for the CCNPP license renewal application package is ML102650247.

Please submit any comments and information that you may have regarding this matter within 30 days of the receipt of this letter to the NRC with Attn: Ms. Diana Diaz-Toro, Mail Stop T-8F05, Washington, DC 20555. If you have any questions or need additional information regarding the proposed license renewal and environmental review process, please contact Mr. James Park of my staff by telephone at 301-415-6935 or by email at [James.Park@nrc.gov](mailto:James.Park@nrc.gov). Thank you for your assistance.

Sincerely,

**/RA/**

Diana Diaz-Toro, Chief  
Environmental Review Branch A  
Environmental Protection and  
Performance Assessment Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No.: 72-8  
License No.: SNM-2505

Enclosure:  
Location of the ISFSI on the CCNPP Site

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Diana Diaz-Toro, Chief  
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OFFICE	EPPAD/ERB	NMSS/SFST	EPPAD/ERB	EPPAD/ERB
NAME	JPark	JGoshen	TMoon	DDiaz-Toro
DATE	2/28/11	2/28/11	3/3/11	3/31/11

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